

## **Why does the distance of the Earth from the Sun vary?**

Let's first give credit to the ancients who figured out – although in a rudimentary way – the notion of the epicycles: a circle moving around another circle.

The first major shortcoming of epicycles consisted in the failure of theorists to identify the invisible mediators.

The second misconception consisted in regarding the Earth as the center around which the celestial objects moved.

And of course if an object moves in 'circles' around another object that moves in 'circles' around yet another, none of them move in perfect circles. You end up with elliptical orbits. Think of a cowboy twirling his perfectly circular lasso while he rides around in circles (for example, around a post) with his horse. The lasso will not be circular, but rather elongated in the direction of motion of the horse.

### **Don't get in Mother Gaia's way!**

Now imagine the Moon orbiting the Earth. If the Earth somehow stood completely still as Flat-earthers argue, we could conceive of the Moon swinging in a perfect circle around our planet. If, instead, the Earth also moves, all bets are off. The Moon has no chance of describing a perfectly symmetric circumference. Its orbit will be distorted. Even if the Earth moves in perfect circles around another celestial object, the Moon's orbit will be skewed in the direction of travel of the Earth... much like the shape of a comet's tail as it orbits the Sun.

### **Don't get in Apollo's way either!**

Now consider the Earth. If the Sun stood completely still – [à la Joshua 10:12-14](#) – then we would be able to conceive of the Earth rolling around the Sun in a perfect circle. If, however, the Sun is also moving, the circular orbit necessarily becomes distorted.

Where does that leave the orbit of the Moon which is attempting to circle the Earth in a perfect circle around our planet's center of gravity?

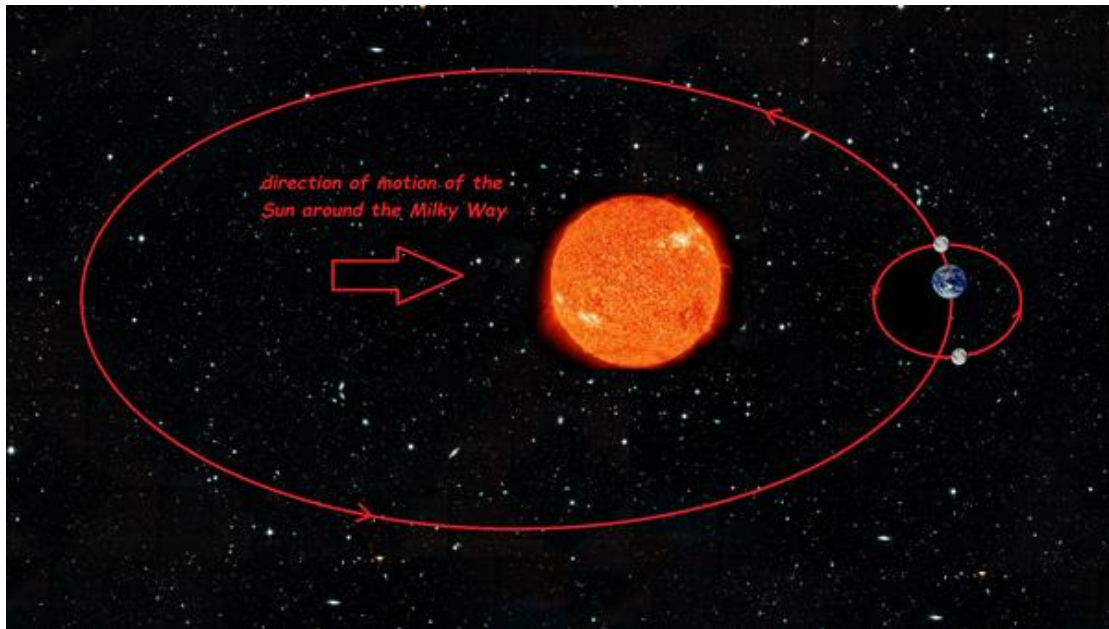
We end up with compounded distortions: a celestial object 'circling' another celestial object 'circling' yet another celestial object which, as it turns out, is attempting to 'circle' the center of gravity of our galaxy... which is certainly moving with respect to other galaxies in some 'circular' manner.

### **No perfect ellipses either**

And just like the cowboy swinging his lasso around does not describe a perfect ellipse, the cosmic orbits are not perfect geometrical itineraries either. Kepler's 'laws' are a good approximation. We must factor delays and accelerations as the Sun spins and oscillates forward and backward with respect to the center of the galaxy. We must factor gravitational influences of other celestial objects, for instance, the countless stars that have an effect on the itinerary of our Sun, not to mention the intra-planetary influences of planets on planets.

Think of the hand of the cowboy as he moves it forward and backward and to the sides as he compels his lasso to twirl. It's quite a complex motion that we're trying to understand here.

For instance, if the Earth's orbit is squashed in the direction of travel of the Sun around the galaxy, as the Earth moves perpendicular to that motion, the Moon (depending on its location with respect to the Earth) gets a double whammy: one from the Sun and one from the Earth. Now, factor the influence of other planets that wobble the Earth and that of other stars that wobble our Sun. For good measure, add the mutual magnetic influences of all these celestial objects and you have an almost impossible problem to solve. We may not have all the information to calculate the entire motion precisely. We can at best reverse-engineer it and attempt to estimate external influences from the actual description of the motion of the Earth.



### **Invisible spirits?**

The key issue is the mediator. That's the invisible, intangible factor that all theorists skip over because they can't see or touch it. What physical entity mediates gravity... which is what compels all celestial objects to move in more or less elliptical orbits? Why does the Earth obey the Sun? Why does the Moon obey the Earth? Why don't they just do their own thing and drift out of the Solar System? Are they bound to each other by spirits as the mathematical 'physicists' insinuate and suggest? Are they physically connected by abstract mathematical concepts such as mass, energy, and field? Is it equations and variables that keeps the cosmos running like clockwork?

What the theorists missed all these years are the elongated, invisible, intangible [EM ropes](#) that interconnect every atom in existence. Only then we can visualize that the cowboy's lasso is connected to his hand through a rope. Otherwise, why would the circling lasso follow the cowboy as the cowboy circles around with his horse? And why doesn't the cowboy ride off into the sunset instead of 'circling' repeatably around a center if not that the horse is also somehow physically tied to the pole at the center?

### **No cigar for Flatearthers!**

So, hopefully, if the Earth is 'circling' our 'circling' Sun, the orbit of our planet cannot be a perfect circle... for else the Flat-earthers would get the cigar they so desperately crave. There should be a change in distance from the Earth to the Sun, from when the Earth is in front of the Sun's motion around the galaxy to when the Earth is behind our star's galactic itinerary. And again, no, this is not the only motion or factor. It is just, perhaps, the most important factor. If the Sun moves around the galaxy, there is no way to avoid the conclusion that it should squash the orbits of any planet that gets in front of it. The Earth's orbit should look more or less like... like... like Mr. Kepler finally figured out: elliptical.

And wouldn't you know it? All other planets' perfectly 'circular' orbits are also coincidentally squashed when they get in front of the Sun as it 'circles' the galaxy.